



NCDOT Prioritization 3.0 Project Summary

SPOT ID: H129619-BB

Mode: Highway

Status: Submitted

I-295 (Fayetteville Outer Loop)

From/Cross Street: South of SR 1104 (Strickland Bridge Road)

To: South of US 401

Length: 12.04

Specific Improvement Type: 5 - Construct Roadway on New Location

Project Category: Statewide Mobility

TIP#: U-2519BB

Fully Funded in Draft STIP? No

Cost to NCDOT: \$36,700,000

Description:

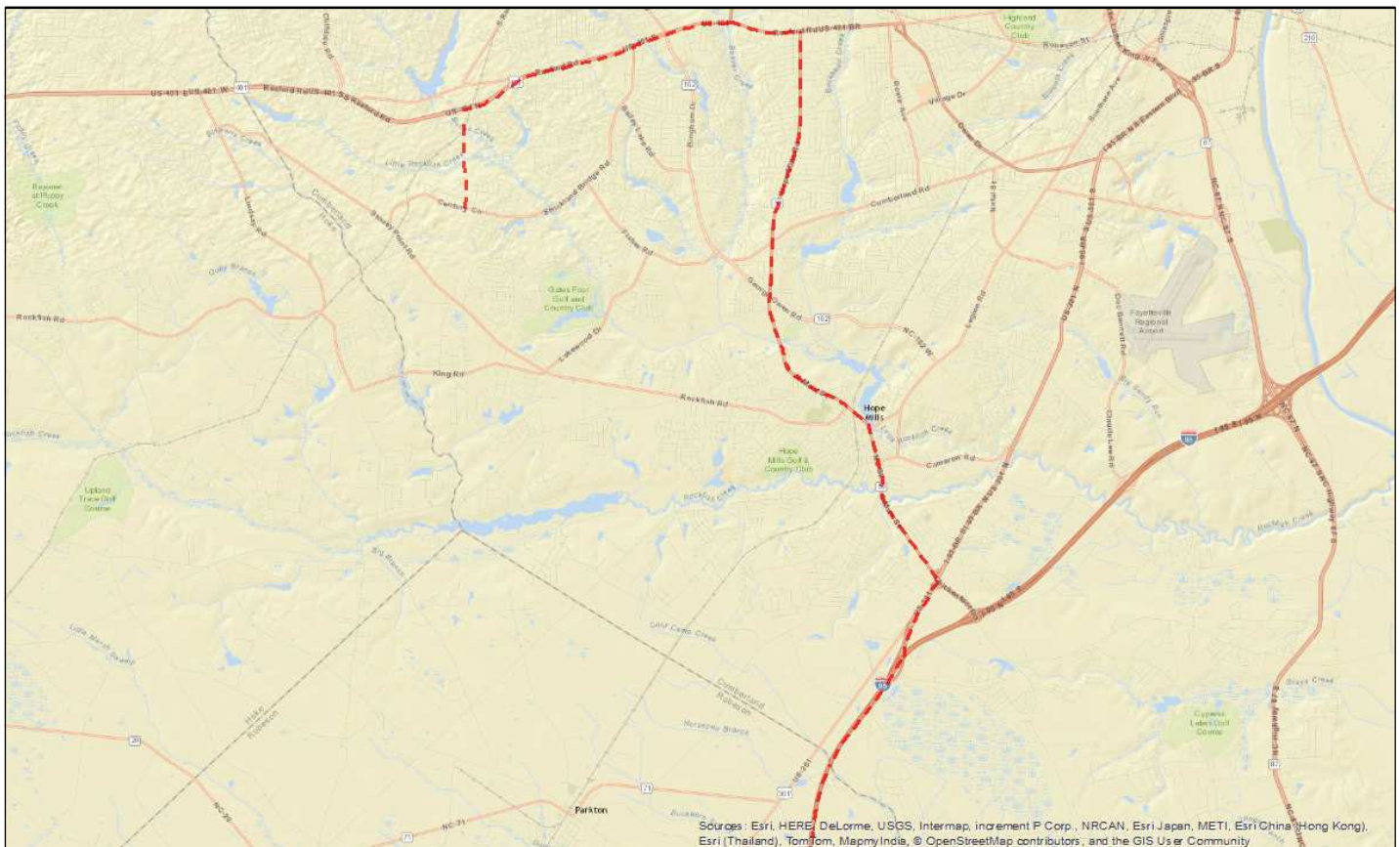
Construct Freeway on New Location.

Division(s): Division 6

County(s): CUMBERLAND

MPOS(s)/RPO(s): Fayetteville Area MPO

Project Location



Statewide Mobility Total Score: 39.39

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Congestion (V/C) (30%) 54.98 Safety (10%) 77.61 Economic Competitiveness (10%) 100.00 Multimodal + [Freight & Military] (20%) 9.44 [Travel Time] Benefit/Cost (30%) 10.81 Totals: Weight: 100% Weighted Score: 39.39	N/A	N/A

Regional Impact Total Score: 62.73

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Congestion (V/C) (25%) 54.98 Safety (10%) 77.61 [Travel Time] Benefit/Cost (25%) 10.81 Accessibility / Connectivity (10%) 85.24 Totals: Weight: 70% Weighted Score: 32.73	Percent: 15% Points: 100	Percent: 15% Points: 100

Division Needs Total Score: 45.92

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Congestion (V/C) (20%) 54.98 Safety (10%) 77.61 [Travel Time] Benefit/Cost (20%) 10.81 Totals: Weight: 50% Weighted Score: 20.92	Percent: 25% Points: 100	Percent: 25% Points: 0

Project Data ***Existing Conditions**

Existing Cross-Section:	
Speed Limit:	47
Length (miles):	15.8
Facility Type:	Arterial
Access Control:	None
Functional Classification:	Other Principal Arterial
Terrain Type:	Rolling
Lane Width:	12
Paved Shoulder Width:	3
Roadway has Curb & Gutter?	No
Volume (AADT):	28215.44
Capacity:	38747.45
Volume/Capacity Ratio:	0.73
% Autos:	93%
% Trucks:	7%
Truck Volume:	1887.9
Crash Density:	80.75
Crash Severity:	73.03
Critical Crash Rate:	79.07
Crash Frequency:	0
Severity Index:	0
County Tier Designation:	2
Non-Interstate STRAHNET Route?	No
Average Commuting Time:	25
Existing Median Type (for Cost Estimation):	Divided
Pavement Condition Rating:	80
Actual Congested Speed:	38.07
Travel Time Index:	1.19

Project Benefits

Project Cross-Section:	4A - 4 Lane Divided (46' Depressed Median) with Paved Shoulders
Speed Limit:	70
Length (miles):	12.04
Facility Type:	Freeway
Access Control:	Full
Functional Classification:	Interstate
Terrain Type:	Level
DOT Design Lane Width:	12
DOT Design Paved Shoulder Width:	4
Travel Time Savings for 30 Years (Total):	108882066.5
Travel Time Savings for 30 Years (Autos):	101596737.83
Travel Time Savings for 30 Years (Trucks):	7285328.67
Long-Term Employment:	1987
% Change in Economy:	0.00251356
Provides Direct Connection to Transportation Terminal?	No
Does project upgrade how the roadway functions?	Yes
In CTP or LRTP?	No
CTP/LRTP Name:	
CTP/LRTP Completion Year:	
Submitted by:	Division 6

* Data reflects calculations which include weighted averages (where applicable) and represent raw output from the Department's SPOT OnLine tool and associated databases.

Project Ownership**Division**

Division	Percent	Regional Impact	Division Needs
Division 6	100%	100	100
	0%	0	0
	0%	0	0
TOTAL Division Points		100	100

MPO/RPO

MPO/RPO	Percent	Regional Impact	Division Needs
Fayetteville Area MPO	100%	100	0
	0%	0	0
	0%	0	0
TOTAL MPO/RPO Points		100	0

Project Cost and Source

Construction Cost:	\$27,500,000	TIP Unit
Right-of-Way Cost:	\$9,200,000	TIP Unit
Utilities Cost:	\$0	TIP Unit
Total Project Cost:	\$36,700,000	
Other Funding:	\$0	None
Cost to NCDOT :	\$36,700,000	